

Oil Field Environmental Incident Summary

Incident: 20140902094406 **Date/Time of Notice:** 09/02/2014 09:44

Responsible Party: DENBURY ONSHORE, LLC

Well Operator: DENBURY ONSHORE, LLC

Well Name: PAYNTER 32 SWS 26

Field Name: CEDAR HILLS

Well File #: 13749

Date Incident: 9/1/2014 **Time Incident:** 08:50

Facility ID Number:

County: BOWMAN

Twp: 132

Rng: 106

Sec: 32

Qtr:

Location Description: Release surfaced approximately 1200 feet south of the location.

Submitted By: Josh Cuppy

Received By:

Contact Person: Roy Madsen
5320 LEGACY DR
PLANO, TX 75024-3127

General Land Use: Pasture

Affected Medium: Topsoil

Distance Nearest Occupied Building: 1 Mile

Distance Nearest Water Well: 1 Mile

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine					2000	barrels
Other	2000	Barrels				

Description of Other Released Contaminant:

Source water from the Paynter Source Well. Latest results on source water shows 600 chlorides.

Inspected:

Written Report Received: 2/17/2016

Clean Up Concluded: 9/12/2014

Risk Evaluation:

None

Areal Extent:

Traveled approximately 1.75 miles down a drainage where fluid was dispersed mixing with rain water.

Potential Environmental Impacts:

None

Action Taken or Planned:

Shut in line. Line will be repaired.

Wastes Disposal Location:

Agencies Involved: BLM

Updates

Date: 9/2/2014 **Status:** Correspondence

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Phone call with report contact. Clarified that water impacted is standing water from recent rainfall and not a creek/flowing waterbody. Report contact unsure of amount of standing water. Tenant has been notified; landowner trust still being contacted.

Date: 9/2/2014 **Status:** Reviewed - Follow-up Required

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Release due to pipeline leak. According to report, release impacted rainwater. Followup is necessary.

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

9/4/2014 at 12:30, on location. Met with Denbury report contact and walked site. Leak occurred outside of hill slope at location indicated in report. Location has been scraped up and filled back in. Line is currently being pressure tested to be put back into service. Drainage itself is muddy, with standing water and healthy-looking vegetation (grasses, cattails) in majority of drainage. Noticeable alkali seepage/impact in drainage ground bordering south side of hill slope; vegetation here is lacking. Electrical conductivity readings:

Background on hill slope up drainage from spill site and not in alkali: ~2.5-3 mS

Background on hill slope in alkali: ~5-6 mS

Muddy ground with standing water in drainage (no noticeable alkali): 1-2.5 mS

Muddy ground with standing water in drainage (noticeable alkali): 5-7.5 mS

Second set of electrical conductivity readings taken down drainage from incident, up drainage from Camp Creek Road culvert, by steep dip in road nicknamed "Devil's Hole" according to Denbury contact.

Station 1 (S1): Dry alkali area: 5-7 mS

Station 2: Due south of S1 where alkali ground ends and grasses of drainage begin: 5-9 mS

Station 3: Due south of S2 in center of vegetated drainage: 4-6 mS

Station 4: Due south of S3 near southern edge of drainage (by north slope of the hill bordering the drainage to the south): 5-8 mS

Station 5: Remeasured in Station 2 area approximately a few feet up drainage:

3": 8.54 mS

6": 9.86 mS

9": 8.7 mS

12": 8.28 mS

15": 8.87 mS

18": 7.15 mS

Station 6: Directly next to Camp Creek Road culvert in muddy ground with puddles of standing water next to it.

3": 3.42 mS

6": 3.77 mS

9": 4.09 mS

12": 3.92 mS

15": 3.82 mS

18": 3.19 mS

Vegetation does not appear to be turning due to impact from spill. Differentiation between incident and alkali seepage in areas of high electrical conductivity readings cannot be determined at this time.